

**Notice of Allowability**

Application No.

10/626,183

Examiner

Liang-che Alex Wang

Applicant(s)

TRUTY, GREGORY LOUIS

Art Unit

2153

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 11/2/2007.
2. ☒ The allowed claim(s) is/are 5-7, 12-14, 19 and 20 (renumbered as 1-8).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 20071210 .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



***EXAMINER'S AMENDMENT***

1. Claims 5-7, 12-14, 19-20 are allowed.
2. Claims 1-4, 8-11, 15-18 are canceled.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. Authorization for this examiner's amendment was given in a telephone interview with Robert A. Voigt Jr. (Reg. No. 47,159).
5. The application has been amended as follow:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-4 (cancelled)

Claim 5 (currently amended) ~~The method of claim 4 further comprising:~~ A method for collating e-mail comprising:

(a) differencing at least one first e-mail message and a second e-mail message wherein said at least one first e-mail message is prior to said second e-mail message, said differencing generating a set of unmatched text and a set of matched text;

(b) matching said set of matched text against a collated message file, said matching step identifying a position in said collated message file at an end of a portion of said collated message file corresponding to said set of matched text; and

(c) inserting said set of unmatched text in said collated message file at said position;

wherein said at least one first e-mail message and said second e-mail message comprise a set of topically-related e-mail selected in response to a preselected pattern in a header portion of each e-mail of said set of topically-related e-mail;

(d) searching each e-mail message of said set of topically-related e-mail for at least one member of a preselected set of prepended identifiers;

(e) if said at least one at least one member of a preselected set of prepended identifiers matches a portion of said message of said set of topically-related messages:

(i) selecting a portion of said message not having said prepended identifier;

(ii) inserting said portion from substep (i) into said collated message file at a position following a portion matching a set of text having said at least one member of a preselected set of prepended identifiers; and

(iii) bypassing steps (a)-(c).

Claim 6 (original) The method of claim 5 further comprising:

(f) extracting said set of text having said at least one member of a preselected set of prepended identifiers;

(g) stripping said at least one member of a preselected set of prepended identifiers from said set of text; and

(h) matching a set of text from step (g) against said collated message file, wherein said position in substep (e)(ii) comprises a position at an end of a portion of said collated message file matching a set of text from step (g).

Claim 7 (original) The method of claim 5 wherein said step of searching each e-mail message of said set of topically-related e-mail comprises searching each e-mail in chronological order of said set of topically-related e-mail.

Claims 8-11 (cancelled)

Claim 12 (currently amended) ~~The program product of claim 11 further comprising programming instructions for:~~ A computer program product tangibly embodied on a

computer readable medium, the program product for collating e-mail comprising programming instructions for:

(a) differencing at least one first e-mail message and a second e-mail message wherein said at least one first e-mail message is prior to said second e-mail message, said differencing generating a set of unmatched text and a set of matched text;

(b) matching said set of matched text against a collated message file, said matching step identifying a position in said collated message file at an end of a portion of said collated message file corresponding to said set of matched text; and

(c) inserting said set of unmatched text in said collated message file at said position;

wherein said at least one first e-mail message and said second e-mail message comprise a set of topically-related e-mail selected in response to a preselected pattern in a header portion of each e-mail of said set of topically-related e-mail;

(d) searching each e-mail message of said set of topically-related e-mail for at least one member of a preselected set of prepended identifiers;

(e) if said at least one at least one member of a preselected set of prepended identifiers matches a portion of said message of said set of topically-related messages:

(i) selecting a portion of said message not having said prepended identifier;

(ii) inserting said portion from (i) into said collated message file at a position following a portion matching a set of text having said at least one member of a preselected set of prepended identifiers; and

(iii) bypassing (a)-(c).

Claim 13 (previously presented) The program product of claim 12 further comprising programming instructions for:

(f) extracting said set of text having said at least one member of a preselected set of prepended identifiers;

(g) stripping said at least one member of a preselected set of prepended identifiers from said set of text; and

(h) matching a set of text from (g) against said collated message file, wherein said position in (e)(ii) comprises a position at an end of a portion of said collated message file matching a set of text from (g).

Claim 14 (original) The program product of claim 12 wherein said programming instructions for searching each e-mail message of said set of topically-related e-mail comprises programming instructions for searching each e-mail in chronological order of said set of topically-related e-mail.

Claims 15-18 (cancelled)

Claim 19 (currently amended) ~~The data processing system of claim 18 further comprising:~~ A data processing system for collating e-mail comprising:

(a) circuitry operable for differencing at least one first e-mail message and a second e-mail message wherein said at least one first e-mail message is prior to said second e-mail message, said differencing generating a set of unmatched text and a set of matched text;

(b) circuitry operable for matching said set of matched text against a collated message file, said matching step identifying a position in said collated message file at an end of a portion of said collated message file corresponding to said set of matched text; and

(c) circuitry operable for inserting said set of unmatched text in said collated message file at said position;

wherein said at least one first e-mail message and said second e-mail message comprise a set of topically-related e-mail selected in response to a preselected pattern in a header portion of each e-mail of said set of topically-related e-mail;

(d) circuitry operable for searching each e-mail message of said set of topically-related e-mail for at least one member of a preselected set of prepended identifiers;

(e) circuitry operable for, if said at least one at least one member of a preselected set of prepended identifiers matches a portion of said message of said set of topically-related messages:

- (i) selecting a portion of said message not having said prepended identifier;
- (ii) inserting said portion from (i) into said collated message file at a position following a portion matching a set of text having said at least one member of a preselected set of prepended identifiers; and
- (iii) bypassing (a)-(c).

Claim 20 (original) The data processing system of claim 19 further comprising:

- (f) circuitry operable for extracting said set of text having said at least one member of a preselected set of prepended identifiers;
- (g) circuitry operable for stripping said at least one member of a preselected set of prepended identifiers from said set of text; and
- (h) circuitry operable for matching a set of text from (g) against said collated message file, wherein said position in (e)(ii) comprises a position at an end of a portion of said collated message file matching a set of text from (g).

***Reason for allowance***

6. The following is an examiner's statement of reasons for allowance: The prior art of record does not teach nor suggest the limitation as proposed by the examiner during the telephone interview dated on 12/6/2007 with applicant's attorney. The Examiner agrees and allows the application after the authority given by the attorney to amend the claims. The Prior art of record does not teach or suggests differencing a first and second email messages which comprises a set of topically-related email to generate a set of unmatched text and a set of matched text, and inserting said set of unmatched text in a collated message file in light of other features as described in independent claims 5, 12 and 19.
7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.
9. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton B Burgess can be reached on (571)272-3949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
10. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

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applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang  
December 10, 2007

A handwritten signature in black ink, appearing to read "L-ch Wang", with a stylized flourish at the end.